OPEN FILE REPORT 79-124 ROCK SPRINGS QUADRANGLE UNITED STATES WYOMING-SWEETWATER CO. DEPARTMENT OF THE INTERIOR 7.5 MINUTE SERIES (TOPOGRAPHIC) PLATE 4 OF 24 GEOLOGICAL SURVEY SW/4 ROCK SPRINGS 15' QUADRANGLE R. 105 W. R. 104 W. (RELIANCE) 109° 15′ 41° 37′ 30″ 109° 07′ 30″ 41° 37′ 30″ 13 1 17 16 15 14 EXPLANATION 04 ISOPACHS - Showing thickness of coal, in feet. Short dashed where projected beyond coal-bearing area. Isopach interval 1 STRUCTURE CONTOURS - Drawn on top of coal bed. Long dashed where vertical accuracy possibly not within 40 feet. Contour interval is 100 feet (30.5 m). Datum is mean sea level. 23 24 19 22 21 22 02 DRILL HOLE - Showing thickness of coal, in 04 RS-15 - Rock Springs No. 15 FU-1 - Fort Union No. 1 COAL BED SYMBOLS AND NAMES RS-15----0 4 TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Arrow points toward coal-bearing area. Dashed where inferred; short dashed where inferred by present authors. 26 28 27 25 27 TRACE OF FAULT - Bar and ball on downthrown side when direction of movement is known. Dashed where inferred or approximately located. To convert feet to meters, multiply feet by 33 T 19 N. T. 18 N. T. 18 N. 34 35 33 34 41°30′ 109°15′ R. 105 W. R. 104 W. (KAPPES CANYON)

SCALE 1:24 000 41° 30′ 109° 07′ 30″ 12'30" 10' Base from U.S. Geological Survey, 1968 Compiled in 1977/1978 7000 FEET 1 KILOMETER 15%° 276 MILS WYOMING stratigraphic nomenclature. UTM GRID AND 1968 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET QUADRANGLE LOCATION

This report has not been edited for conformity with U.S. Geological Survey editorial standards of

COAL RESOURCE OCCURRENCE MAP OF THE ROCK SPRINGS QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY DAMES & MOORE 1979

PLATE 4

ISOPACH MAP OF THE ROCK SPRINGS NO. 15 COAL BED AND ISOPACH AND STRUCTURE CONTOUR MAP OF THE FORT UNION NO. I COAL BED